Record Nr. UNINA9910823488503321 Fetal nutrition and adult disease: programming of chronic disease **Titolo** through fetal exposure to undernutrition / / edited by S.C. Langley-**Evans** Wallingford, Oxfordshire, OX;; Cambridge, MA,: CABI Pub., c2004 Pubbl/distr/stampa **ISBN** 1-280-86638-1 9786610866380 0-85199-062-2 Edizione [1st ed.] Descrizione fisica 1 online resource (443 pages) Collana Frontiers in nutritional science Altri autori (Persone) Langley-EvansS. C Disciplina 616/.044 Soggetti Chronic diseases - Etiology Fetus - Nutrition Nutritionally induced diseases Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Contents; Contributors; Preface; 1 Fetal Programming of Adult Disease: an Overview; 2 Nutritional Basis for the Fetal Origins of Adult Disease; 3 Intrauterine Hypoxaemia and Cardiovascular Development; 4 Epidemiology of the Fetal Origins of Adult Disease: Cohort Studies of Birthweight and Cardiovascular Disease; 5 Early-life Origins of Adult Disease: is There Really an Association Between Birthweight and Chronic Disease Risk?; 6 Experimental Models of Hypertension and Cardiovascular Disease: 7 Associations between Fetal and Infant Growth and Non-insulin-dependent Diabetes 8 Programming of Diabetes: Experimental Models; 9 Birthweight and the Development of Overweight and Obesity; 10 Maternal Nutrition in Pregnancy and Adiposity in Offspring; 11 Renal Disease and Fetal Undernutrition; 12 Perinatal Determinants of Atopic Disease; 13 Fetal Programming of Immune Function; 14 Programming in the Preimplantation Embryo; 15 Endocrine Responses to Fetal Undernutrition: the Growth Hormone-Insulin-like Growth Factor Axis; 16 Impact of Intrauterine Exposure to Glucocorticoids upon Fetal Development and

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## Sommario/riassunto

Provides the reader with a detailed account of the evidence for and against the nutritional programming of human disease. This book also covers programming the fetus, programming human disease, and the biological basis of nutritional programming.